

Modell no. 1679

## OXYGEN TESTER



According to

ISO 17455

The oxygen increase is measured in a system of which the test piece forms part. Oxygen can only be transported through the wall of the multilayer test pipes. Therefore, the increased amount of oxygen in the closed system is the result of the functioning of the barrier layer of the test piece. The test unit consists of a supply unit (installed in a installation cabinet), an oven and a drum to support the specimen (length:  $20 \pm 0,5$  m). The auxiliary trolley (additionally delivered) is used to transport the specimen. On this trolley the specimen is sterilised and prepared for the test, and then inserted into the heating chamber to perform the test (incl. quick connector to shut double-side off for specimen connection).

V1679-0001

**VERSION OXYGEN TESTER**

**TECHNICAL DETAILS**

Test unit	built-in into an installation cabinet incl. heating unit for temperature of 40 to 85 °C ±2 K
Circulation pump	Capacity >30 l/h
Temperature sensor	for water and air in the range 40 up to 85 °C ±0.05 °C
Flowmeter	0.15 to 0.5 l/min ±0.05
Barometer	965 to 1,035 mbar ±1
Incorporated analysator	to the oxygen measurement with temperature areas 40 until 85 °C and an accuracy of 1 ppb up to 20 ppm; indicating range from 0.1 ppb to 80 ppm
Temperature range oven	+7 °C over ambient temperature up to +85 °C

**CONNECTIONS**

Power supply	230 V, 50 Hz
Cooling water	G 3/4" (<15 °C)
Drain	G 3/4"
Gas bottles	1/4" female thread

**DIMENSION AND WEIGHT**

Testing device (W x D x H)	1,620 x 890 x 2,030 mm, aapprox. 150 kg
Heating cabinet (W x D x H)	830 x 730 x 1,170 mm, approx. 90 kg

✓ included
+ available/optional
O eligible
- not available